

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Application No.: 10/582,392  
Filing Date: June 28, 2007  
Inventor(s): Thomas N. Horsky et al.  
Group Art Unit: 2821  
Examiner Name: Souw, Bernard E.  
Attorney Docket No.: 211843-00044  
Title: Method and Apparatus for Extending  
Equipment Uptime in Ion Implantation  
Confirmation No.: 3848

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

In response to the last Office Action, please amend the subject application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 10 of this paper.